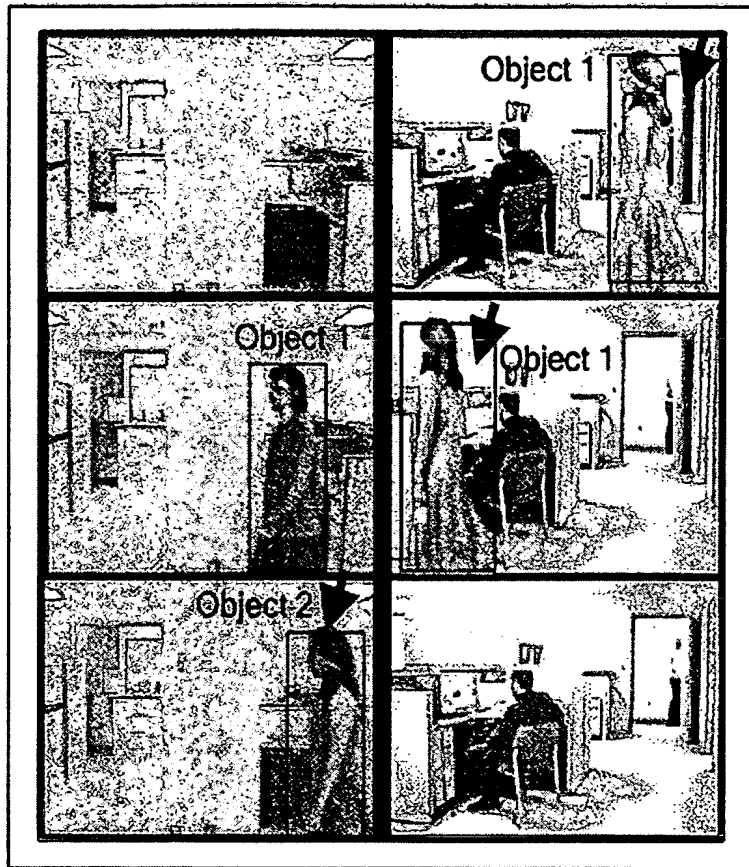
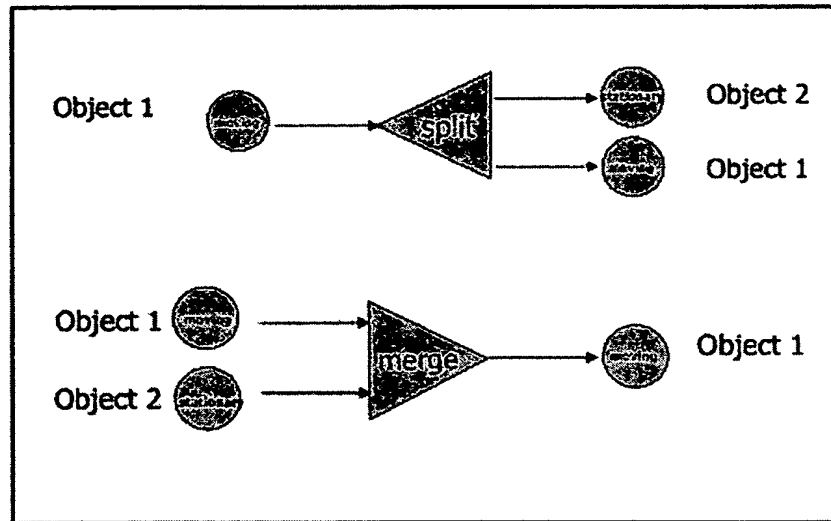


**Figure 1. High-level overview of the video analysis framework**



**Figure2. Tracks of Object 1 in Clip 1 and Object 2 in Clip 2 are associated**



**Figure 3. Graph representations for split and merge behaviors**

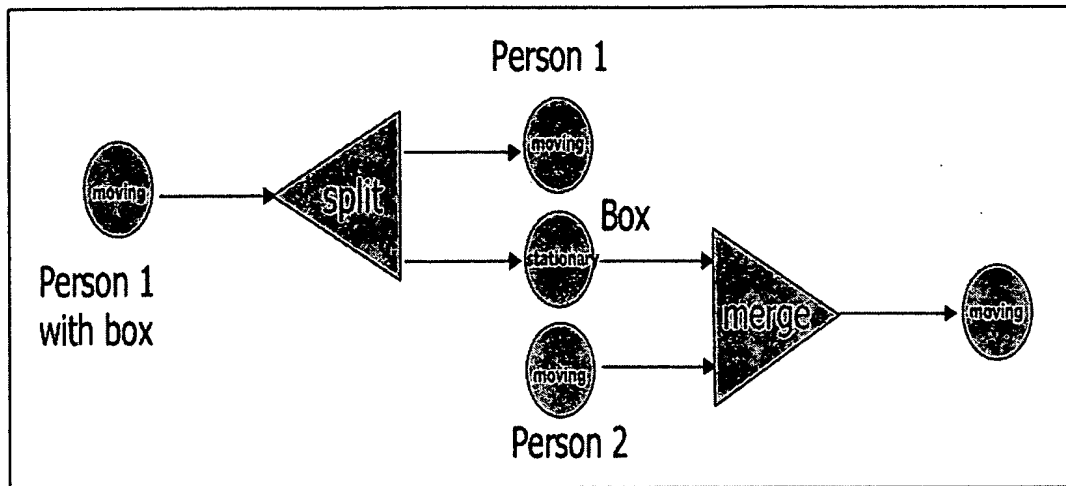
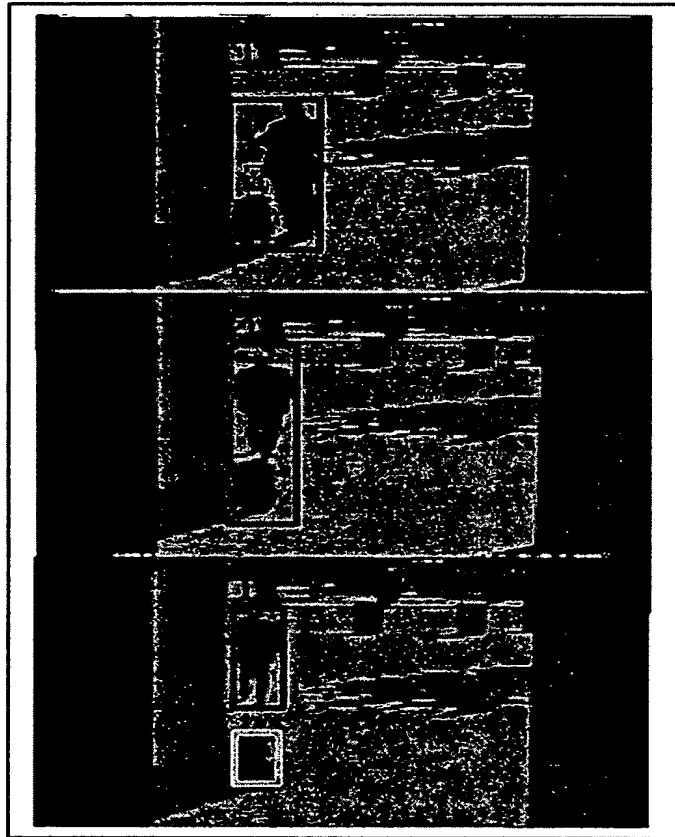
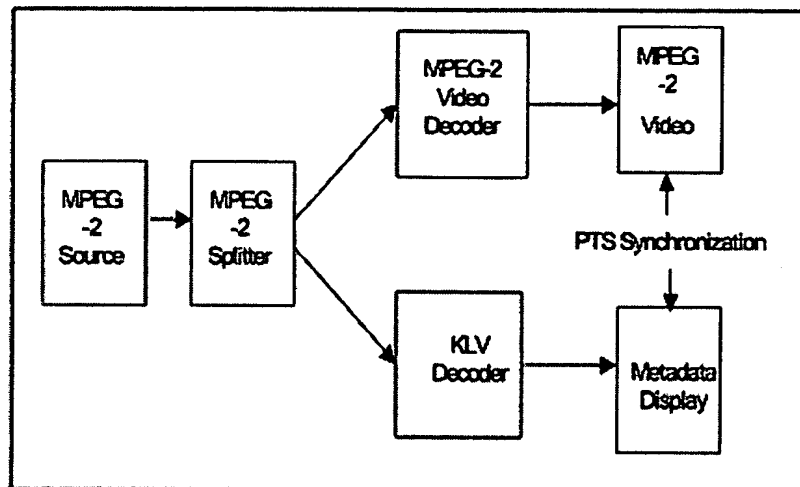


Figure 4. Graph representation of a “box exchange” event as a split and merge compound



**Figure 5. An example of a split event**



**Figure 6. Synchronizing MPEG-2 Video and KLV metadata with Presentation Time Stamps**

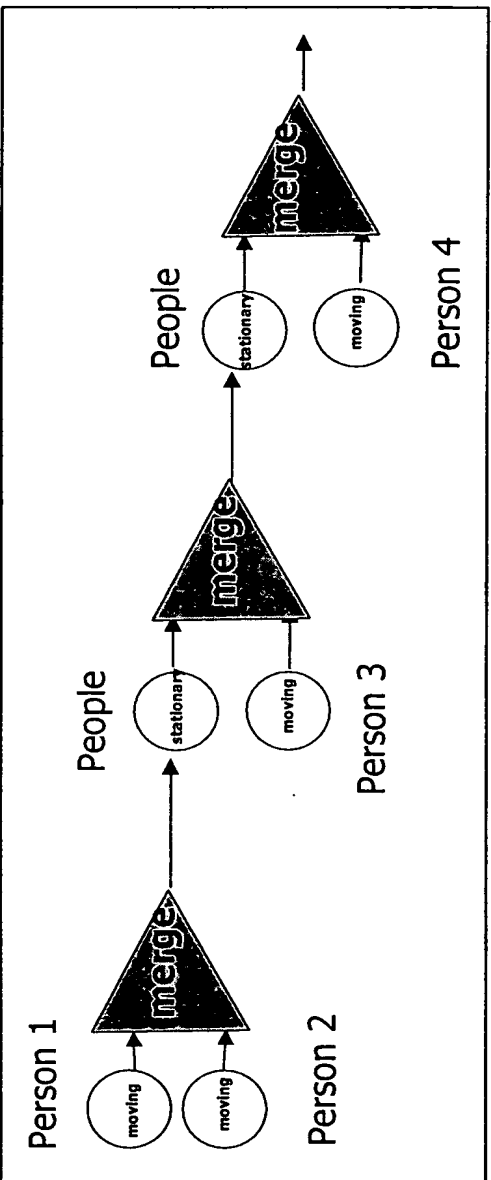


Figure 7

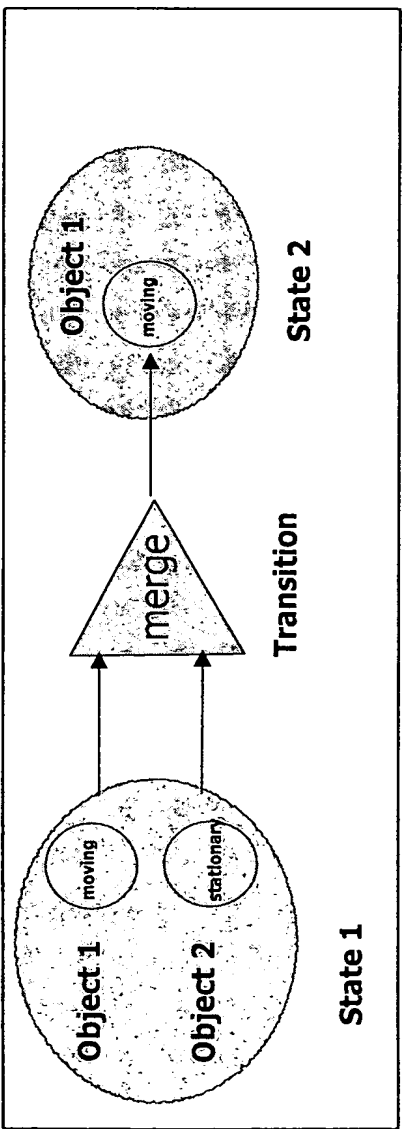


Figure 8

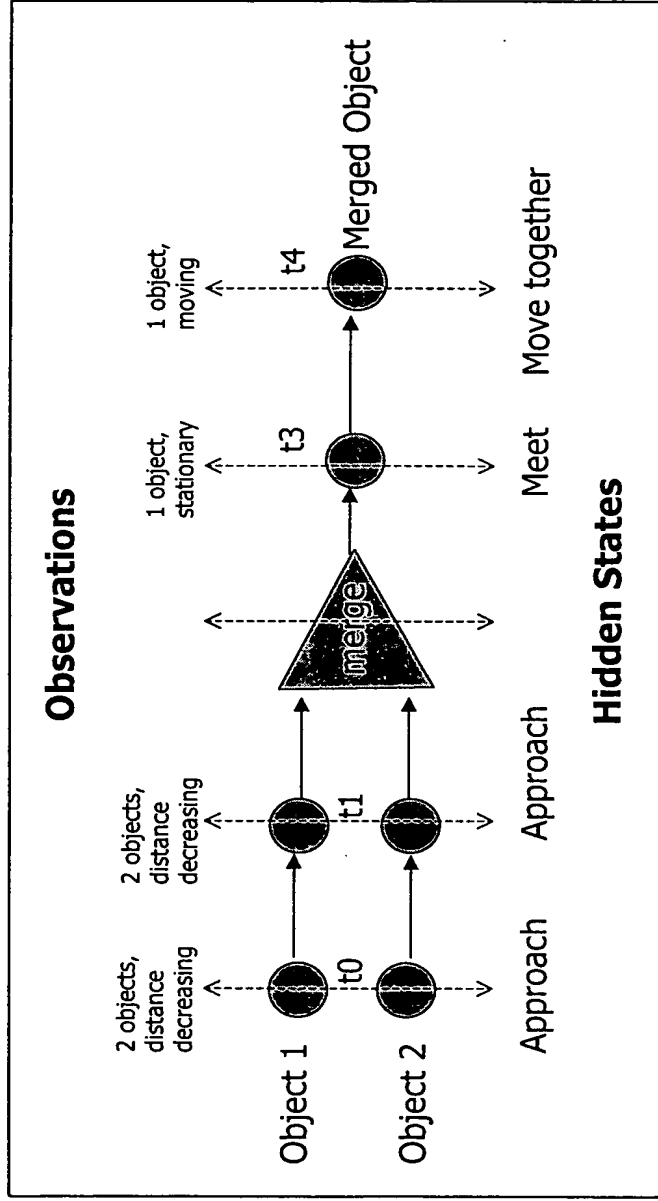


Figure 9

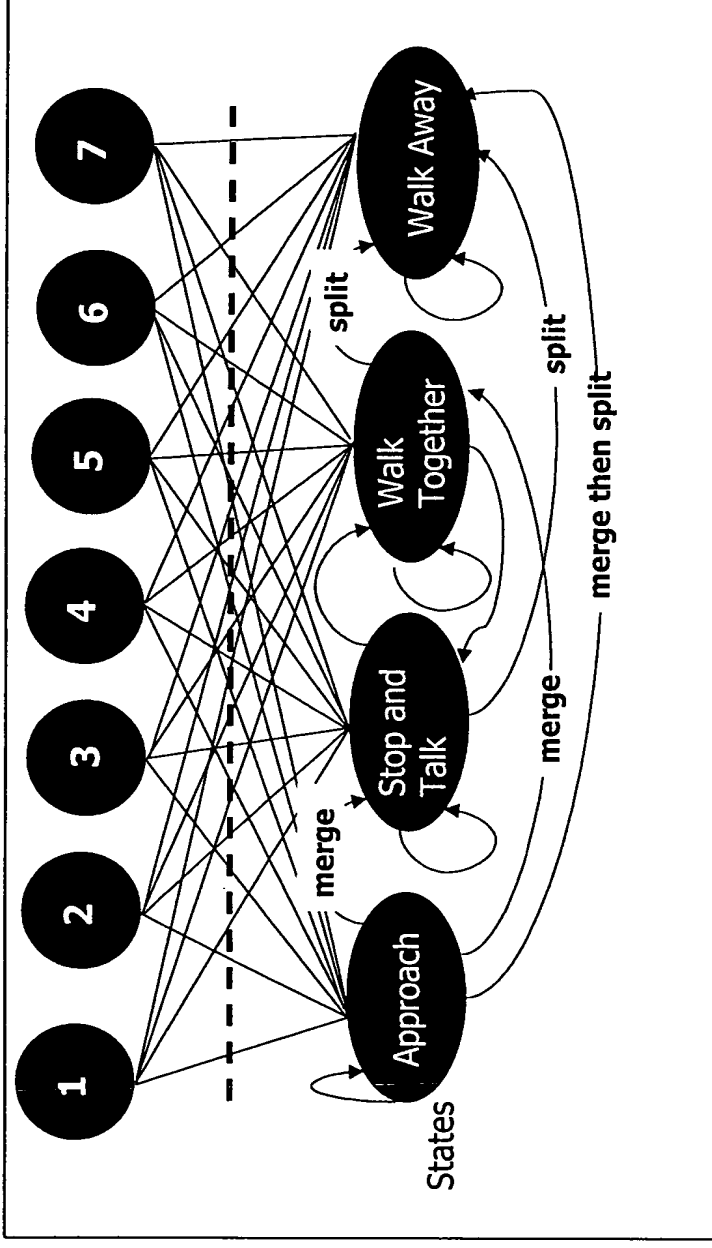


Figure 10

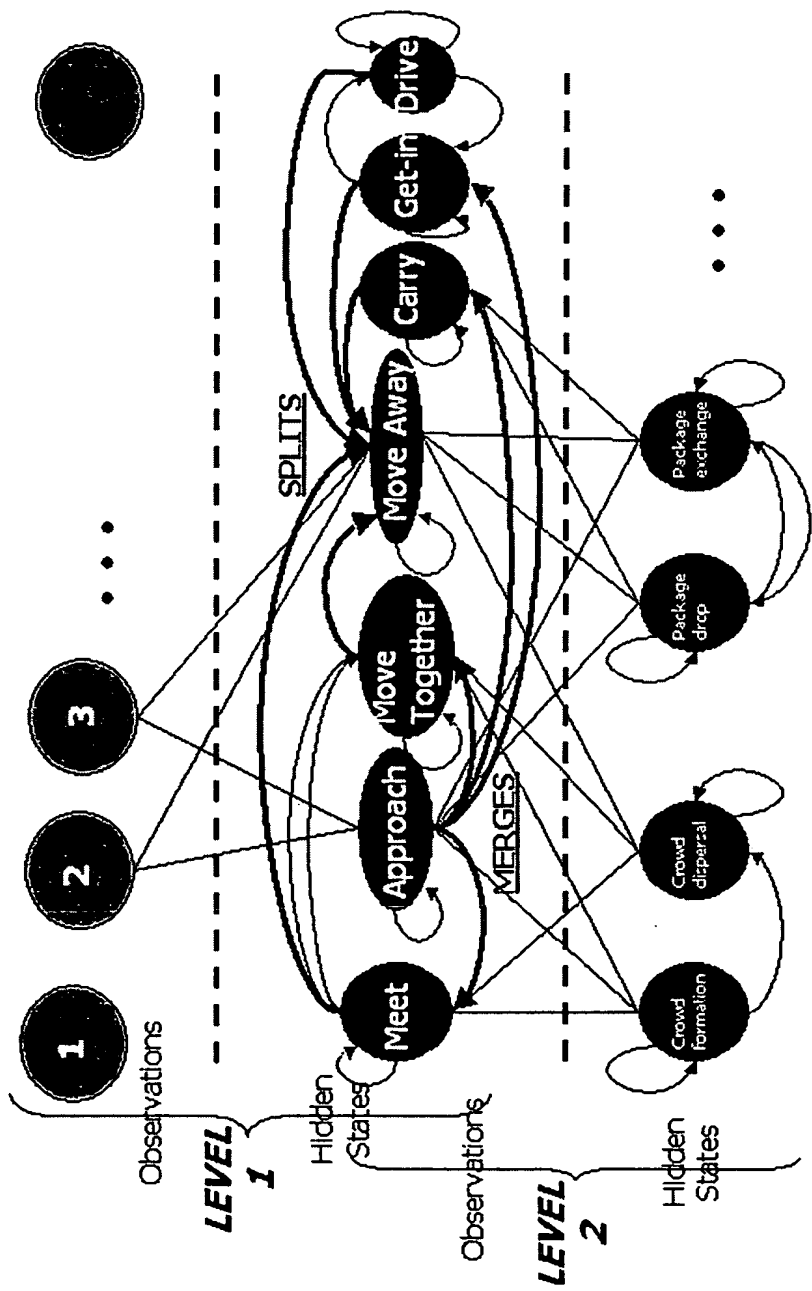


Figure 11